



# Effect of C-Tech on asparagus (multi-year)

Hart, MI

## Experiment Info:

Planted:	04-24-2017
Harvest:	
Yield Goal:	
Target Fert.:	
Variety:	
Population:	
Row Width:	60
Prev. Crop:	
Plot Size:	5 acres
Replications:	4

## Soil Test Values (ppm):

pH:	78.1
CEC:	5.0
%OM:	1.1
Bray P1:	84
Bicarb P:	
K:	127
S:	15
%K:	6.5
%Mg:	8.5
%Ca:	83.6
%H:	0
Zn:	1.2
Mn:	1
B:	0.3

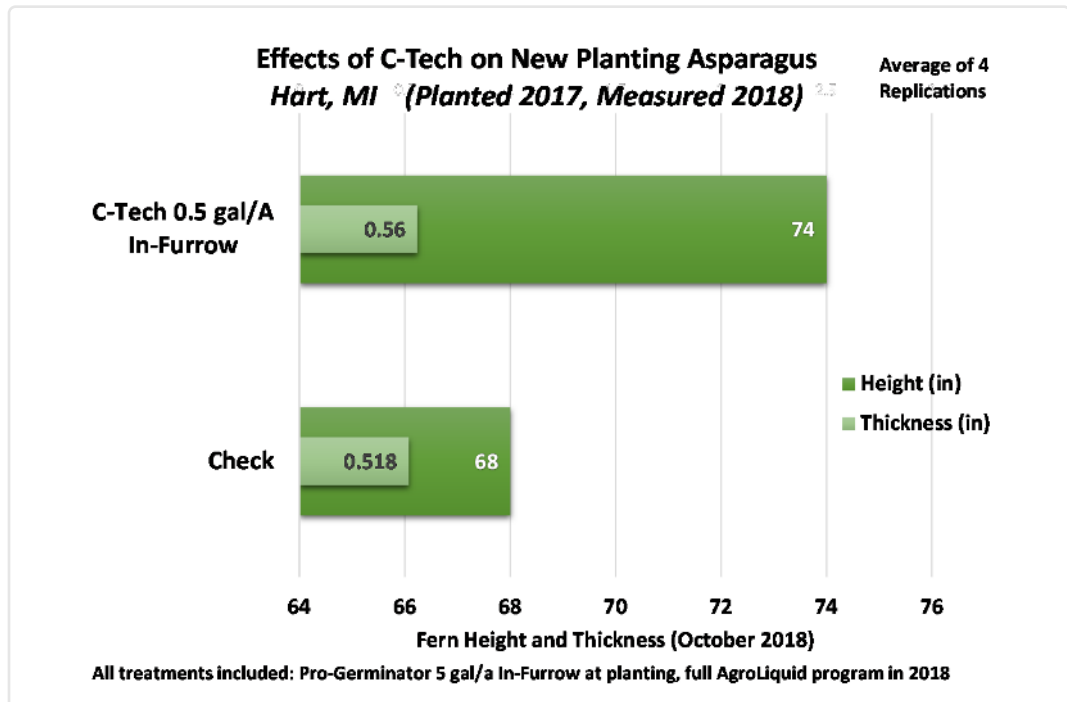
## Objective:

Evaluate the effect of C-Tech on the growth of newly planted asparagus. This trial was conducted near Hart, MI, and is a multi-year trial.

Asparagus is established from crowns planted 8 - 12 inches deep. Asparagus does not reach full production until 3 - 4 years after planting. Asparagus fields are usually fumigated prior to planting to eliminate soil borne diseases, but this process also eliminates many of the beneficial microbes in the soil.

C-Tech was applied at 0.5 gal/acre at planting in the spring of 2017. Asparagus crowns were planted 8 - 12" deep and the fertilizer was applied in the bottom of the furrow at planting. The C-Tech treatment and the check both received Pro-Germinator at 5 gal/A.

Plant height and stem thickness was measured in September, 2017 and October, 2018.



## Conclusions:

- Plants treated with C-Tech at planting showed greater plant height and stem thickness than plants not treated with C-Tech. This provides greater potential for plant health and survival over winter and more robust plants during spring green-up and early harvest.